

Title (en)
SYSTEM FOR MANIPULATING CONTAINERS

Title (de)
SYSTEM ZUR HANDHABUNG VON BEHÄLTERN

Title (fr)
SYSTEME DE MANIPULATION DE CONTENEURS

Publication
EP 1730069 A1 20061213 (EN)

Application
EP 05722332 A 20050317

Priority
• SG 2005000085 W 20050317
• SG 200401603 A 20040324

Abstract (en)
[origin: WO2005090223A1] A spreader assembly for a crane includes a pair of spreaders (1, 3) which are connected by a linking frame (2) and suspended under a trolley. The configuration of the linking frame can be configured using hydraulic cylinders (241, 242, 243) to move the spreaders (1, 3) relatively, so that the spreaders (1, 3) may be used at the same time to carry containers. The linking frame (2) can also be connected to a docking station (4) mounted on the trolley, and either one of the spreaders (1, 3) released from the linking frame for independent use.

IPC 8 full level
B66C 1/66 (2006.01)

CPC (source: EP KR US)
B66C 1/104 (2013.01 - EP US); **B66C 1/66** (2013.01 - KR); **B66C 1/663** (2013.01 - EP US)

Citation (search report)
See references of WO 2005090223A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005090223 A1 20050929; CA 2560974 A1 20050929; CN 1950289 A 20070418; EP 1730069 A1 20061213; JP 2007530386 A 20071101; KR 20060130673 A 20061219; TW 200540093 A 20051216; US 2007296228 A1 20071227

DOCDB simple family (application)
SG 2005000085 W 20050317; CA 2560974 A 20050317; CN 200580014021 A 20050317; EP 05722332 A 20050317; JP 2007504925 A 20050317; KR 20067019575 A 20060922; TW 94108367 A 20050318; US 59922405 A 20050317